Index of Claims

| Application | on/Control | No. |
|-------------|------------|-----|
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Applicant(s)/Patent under Reexamination

10/806,405

Examiner

FUNAKI, HIDEYUKI Art Unit

Mai-Huong Tran

2818

| <b>√</b> | Rejected |
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| -        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Cla        | aim      | Date           |                           |                |          |              |                 |                     |              | Claim Date |      |          |          |                 |          |          | Claim   | Date         |          |                       |        |  |          |          |  |          |          |          |          |                    |          |          |
|------------|----------|----------------|---------------------------|----------------|----------|--------------|-----------------|---------------------|--------------|------------|------|----------|----------|-----------------|----------|----------|---------|--------------|----------|-----------------------|--------|--|----------|----------|--|----------|----------|----------|----------|--------------------|----------|----------|
|            | _        |                |                           |                |          |              |                 |                     |              |            |      |          | -        |                 |          |          |         |              |          |                       |        |  |          |          |  |          |          | i        | ļ        |                    |          |          |
| Final      | Original | 3/1/05         |                           |                |          |              |                 | İ                   |              |            |      | Final    | Original |                 |          |          |         |              |          |                       |        | Final  | Original |          |  |          |          |          | ŀ        |                    |          |          |
| <u>i</u> _ | Ĕ        | 37             |                           |                |          |              |                 |                     |              |            |      | ιĒ       | Örig     |                 |          |          |         |              |          |                       |        | 诓  | 👸        |          |  |          |          |          |          |                    | 1        | ı        |
|            | 0        |                |                           |                |          | 1            |                 |                     |              |            |      |          | U        |                 |          | - [      |         |              |          |                       |        |  |          |          |  |          | ŀ        |          |          |                    |          |          |
|            | 1        |                | П                         |                |          |              | П               |                     |              |            |      |          | 51       |                 |          |          |         |              |          |                       |        |  | 101      |          |  |          |          |          |          |                    |          |          |
|            | 2        |                |                           |                |          |              |                 |                     |              |            |      |          | 52       |                 |          |          |         |              |          |                       |        |  | 102      |          |  |          |          |          |          |                    |          |          |
|            | 3        |                |                           |                |          |              |                 |                     |              |            |      |          | 53       |                 |          |          |         |              |          |                       |        |  | 103      |          |  |          |          |          |          |                    |          |          |
|            | 4        |                |                           |                |          |              |                 |                     | 1            |            |      |          | 54       |                 |          |          |         |              |          |                       |        |  | 104      |          |  |          |          |          |          |                    |          |          |
|            | 5        |                |                           |                |          |              |                 |                     |              |            |      |          | 55       |                 |          |          |         |              |          |                       |        |  | 105      |          |  | $\perp$  |          |          |          | $\perp$            |          |          |
|            | 6        |                |                           |                |          |              |                 |                     |              |            |      |          | 56       |                 | ļ        |          |         |              |          |                       |        |  | 106      |          |  |          |          |          |          |                    |          |          |
|            | 7        |                |                           |                |          |              |                 |                     |              |            |      |          | 57       |                 |          |          |         |              |          |                       |        |  | 107      |          |  | _        |          | _        |          |                    |          | $\Box$   |
|            | 8        |                |                           |                |          |              | Ш               |                     | _ _          | ╝          |      |          | 58       |                 |          |          |         |              |          |                       | _      |  | 108      | <u> </u> | Ш  | _        | _        | _        | _        |                    | _        | _        |
|            | 9        | =              |                           |                |          |              |                 |                     |              | ╝          |      |          | 59       |                 |          |          |         |              |          |                       | _      |  | 109      | L        |  | _        | _        | _        |          | _                  | _        |          |
|            | 10       | =              |                           |                |          |              |                 |                     |              | ╝          |      |          | 60       |                 |          | $\perp$  |         | $\perp$      |          |                       |        |  | 110      | <u> </u> | Ш  | _        | _        | _        |          | _                  | _        |          |
|            | 11       | =              |                           |                |          |              |                 |                     |              | ╝          |      |          | 61       |                 |          |          |         |              |          |                       | _      |  | 111      | _        | Ш  |          |          |          |          |                    | _        |          |
|            | 12       | =              |                           |                |          |              | Ш               |                     |              | ╝          |      |          | 62       |                 |          |          | $\perp$ | $\perp$      | 1_       | $\sqcup \bot$         | _      |  | 112      | <u> </u> | Ш  |          |          | ļ        |          |                    | _        |          |
|            | 13       | •              |                           |                |          |              | Ш               |                     |              | ╛          |      |          | 63       | Ш               |          |          |         |              |          | $\sqcup \!\!\! \perp$ | _      | <u> </u>                                     | 113      | $\perp$  | Ш  |          |          |          |          | _                  |          | _        |
|            | 14       |                | 匚                         |                |          |              | Ш               |                     | L            | ╛          |      |          | 64       | Ш               | [        |          |         |              | _        | ot                    | _      |  | 114      | _        | Ш  |          |          |          |          |                    | $\dashv$ | _        |
|            | 15       | _              | LĪ                        |                |          |              | Ш               |                     |              |            |      |          | 65       |                 | _[       |          |         | $\perp$      | $\perp$  | ot                    | _      | _  | 115      | <u> </u> | Ц  |          |          |          | _        | _                  |          | _        |
|            | 16       | -              |                           |                |          | Ш.           | $oxed{oxed}$    |                     | $\bot$       | ╝          |      |          | 66       |                 | [        |          |         |              |          | $\sqcup$              | _      | <u></u>                                      | 116      | 1_       | Ш  | $\dashv$ |          |          |          | $\perp \downarrow$ | $\dashv$ |          |
|            | 17       | -              |                           |                |          |              |                 |                     |              | ╛          |      |          | 67       | Ш               |          | $\perp$  |         | 1            |          | oxdot                 | _      |  | 117      | 1_       | Щ  |          |          |          |          | _                  | $\dashv$ | ᆜ        |
|            | 18       | -              |                           |                |          |              | Ш               |                     |              | ╛          |      |          | 68       |                 | _        |          |         |              |          | $\sqcup \bot$         |        | L  | 118      |          |  | _        | _        | _        |          | _                  | _        | $\Box$   |
|            | 19       | -              |                           |                |          |              |                 |                     |              | ╝          |      |          | 69       |                 |          |          |         | ┸            |          | oxdot                 | _      |  | 119      |          | Ш  |          | _        |          |          | $\perp$            | _        |          |
|            | 20       | -              |                           |                |          |              | Ш               |                     |              | ┙          |      |          | 70       |                 | _        |          |         |              |          |                       | _      |  | 120      | L        | Ш  |          | _        |          |          | _                  | $\dashv$ | _        |
|            | 21       |                |                           |                |          |              | Ш               |                     |              | ╛          |      |          | 71       |                 | _        |          | $\perp$ | $\downarrow$ |          | Ш                     | _      | <u></u>                                      | 121      |          | $\sqcup$   | _        |          |          |          |                    | $\Box$   | _        |
|            | 22       |                |                           |                | -        |              | Ш               |                     |              | ╛          |      |          | 72       |                 |          | _        |         | $\perp$      | ┸        | $oxed{oxed}$          | _      | <u></u>                                      | 122      | _        | Ш  | _        | _        |          |          | _                  | ᆜ        | _        |
| L          | 23       |                |                           |                |          |              |                 |                     |              | ╛          |      |          | 73       | Ш               | _        | _        |         |              |          | $\sqcup$              | _::::  |  | 123      | _        | ļ ļ  |          | _        |          |          | $\perp$            | ᆜ        | _        |
| L          | 24       |                |                           |                |          |              | Ш               |                     |              | ╛          |      |          | 74       | Ш               | _        | _        |         |              |          |                       | _ :::: |  | 124      | 1        | Ш  |          | _        |          |          |                    | $\dashv$ | _        |
|            | 25       |                | _                         |                |          |              | Ш               |                     |              | ╛          |      |          | 75       |                 |          |          |         |              | 1_       | $oxed{oxed}$          | _      |  | 125      |          |  |          | _        | _        |          |                    | _        | _        |
|            | 26       |                |                           |                |          |              | Ш               |                     |              | _          |      |          | 76       | Ц               | _        | $\perp$  | _       |              | 1        | $\sqcup \bot$         | _      | <u></u>                                      | 126      | _        | $\sqcup$   |          | _        |          |          | _                  | _        | ႕        |
| L          | 27       |                |                           |                |          |              | Ш               |                     |              | ╛          |      |          | 77       | $\Box$          | _        |          | _       | $\perp$      |          | $\sqcup$              | _      |  | 127      |          | Ш  |          | _        | _        |          |                    | 4        | ႕        |
| <u> </u>   | 28       |                | _                         |                |          |              | Ш               | _                   |              | ┙          |      |          | 78       |                 | _        | $\perp$  | _       | $\perp$      | 1        | $\sqcup$              | _      |  | 128      | 1        |  | _        | _        | _        |          | _                  | $\dashv$ | $\Box$   |
| <u> </u>   | 29       |                |                           |                |          |              |                 | _                   |              | ╛          |      |          | 79       | _               | _        | _        | _       | $\perp$      | _        |                       | _      | <u>L</u>                                     | 129      | <u> </u> | <b>↓</b> ↓                                       | _        |          | _        |          | _                  | _        | _        |
| L          | 30       |                |                           |                |          |              | Ш               |                     |              | ╛          |      |          | 80       | $\Box$          | _        | _        | _       |              | <u> </u> |                       | _      | _  | 130      | <u> </u> |  |          |          |          |          | _                  | _        | ᅴ        |
|            | 31       | <u> </u>       | <u> </u>                  |                |          |              | Щ               | Ц                   |              | _          |      |          | 81       | Ш               | _        | _        | 4       | _            | $\perp$  | $\sqcup \bot$         | 4      | <u> </u>                                     | 131      | 1        | $\sqcup$   | _        |          |          | $\Box$   | _                  |          | _        |
| <u> </u>   | 32       |                | _                         | Ш              |          |              |                 | _                   |              | 4          |      |          | 82       |                 |          | $\dashv$ | +       | +            | $\perp$  | $\vdash \vdash$       | _      |  | 132      | 1        | $\square$  |          |          |          |          | -                  |          | ᅴ        |
| <u> </u>   | 33       | L              | $ldsymbol{ldsymbol{eta}}$ | Ш              |          | <u> </u>     |                 | $\sqcup$            |              | 4          |      |          | 83       | $\sqcup$        |          |          | +       | -            | $\perp$  | $\vdash \vdash$       |        | <u> </u>                                     | 133      | 1        | $\sqcup$   |          |          |          | _        | 4                  |          | $\dashv$ |
| ļ          | 34       | _              | _                         | Ш              | Ь.       |              | $ \!\!-\!\!\! $ | $\sqcup \downarrow$ | $-\!\!\!\!+$ | 4          |      |          | 84       | Ш               | _        | _        | +       | +            | +        | $\vdash \vdash$       | - :::  | <u> </u>                                     | 134      | 1        | $\vdash$   |          | -        |          |          | $\dashv$           | $\dashv$ | $\dashv$ |
|            | 35       |                |                           | Ш              |          | <b>!</b>     |                 | $\dashv$            | _            | 4          |      |          | 85       |                 | _        | $\dashv$ | +       | +            | $\perp$  | -                     | -      | <u> </u>                                     | 135      |          |  | $\dashv$ |          |          |          |                    |          | 4        |
|            | 36       | <u> </u>       | <u> </u>                  |                | <u> </u> | <u> </u>     | $\sqcup$        | $\dashv$            | _            | 4          |      |          | 86       | Н               | _        | $\dashv$ | -       | +            |          | -                     | 4      | _  | 136      | ┼        |  |          |          | $\dashv$ |          | -                  | $\dashv$ | $\dashv$ |
|            | 37       |                | $\vdash$                  | Ш              |          |              | $\sqcup$        | $\sqcup$            | -            | 4          |      |          | 87       | Щ               |          | _        | _       | 4-           | ₩        | $\vdash \vdash$       | -      | $\vdash$                                     | 137      | 1        | $\sqcup$   | _[       | _        | _        |          | $\dashv$           | $\dashv$ | $\dashv$ |
|            | 38       |                | <u> </u>                  | Ь              | <u> </u> | <del> </del> | -               | $\dashv$            | +            | 4          |      |          | 88       | $\vdash$        |          | 4        | +       | +            | +        | $\vdash \vdash$       | _      |  | 138      | 1        | $\vdash$   |          | _        | $\dashv$ |          | _                  | $\dashv$ | 4        |
|            | 39       | <b> </b>       | <u> </u>                  | <u> </u>       | <u> </u> | <u> </u>     | $\sqcup$        | $\dashv$            | $\dashv$     | 4          |      |          | 89       | $\vdash$        |          | 4        | +       | -            | +        | -                     | - :::  | $\vdash$                                     | 139      | 1        | $\vdash \vdash$                                  |          |          | $\dashv$ |          | $\dashv$           | $\dashv$ |          |
| ļ          | 40       |                | $\vdash$                  | Ш              |          | -            | $\sqcup$        | $\sqcup$            | -            | 4          |      |          | 90       | Н               | _        | $\dashv$ | +       | +            | -        | ┝╌┝                   | -      | $\vdash$                                     | 140      | 1        | $\vdash \vdash$                                  |          | -        | $\dashv$ | $\Box$   | $\dashv$           | $\dashv$ |          |
|            | 41       | <u> </u>       | <u> </u>                  | <u> </u>       |          | <u> </u>     |                 | $\sqcup$            | $\dashv$     | $\dashv$   |      |          | 91       | $\vdash \vdash$ | -        | -        | +       | +            | +        | $\vdash \vdash$       | 4      | <u> </u>                                     | 141      |          | $\vdash \vdash$                                  |          | $\dashv$ | _        |          | -                  | $\dashv$ | $\dashv$ |
| ├          | 42       |                | _                         | Ш              |          | <u> </u>     | $\vdash \vdash$ | $\sqcup \downarrow$ |              | 4          |      | -        | 92       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +       | +            | +-       | -                     |        | $\vdash$                                     | 142      |          | $\vdash$   | -        | -        | -        |          | -                  | $\dashv$ | $\dashv$ |
|            | 43       | $\vdash$       | -                         | <u> </u>       |          | -            | $\square$       | $\sqcup$            | +            | $\dashv$   |      | <u> </u> | 93       | Н               | _        |          | +       | +            | +        | $\vdash \vdash$       |        | $\vdash$                                     | 143      |          | ╁╌┤  | -        |          |          | Н        |                    | $\dashv$ | $\dashv$ |
|            | 44       |                | $\vdash$                  | $\vdash\vdash$ | _        | -            | H               | $\vdash$            |              | $\dashv$   |      |          | 94       |                 |          | $\dashv$ | +       | +            | +        | ┝┷┼                   |        | <u> </u>                                     | 144      | 1        | $\vdash$   | -        | -        | -        |          |                    | $\dashv$ | $\dashv$ |
| <u> </u>   | 45       | <u> </u>       | $\vdash$                  |                |          | <u> </u>     |                 | $\vdash$            | +            | $\dashv$   |      |          | 95       | $\dashv$        | _        | $\dashv$ |         | +            | +        | $\vdash$              | -      | <u> —                                   </u> | 145      | ┼        | <del>                                     </del> |          |          |          | $\vdash$ |                    |          |          |
| <u> </u>   | 46       | <del> </del> — | <u> </u>                  | $\vdash$       | <u> </u> | -            | $\vdash$        | $\vdash$            | +            | $\dashv$   |      |          | 96       | $\mid - \mid$   |          |          | -       | +            | +        | ├├-                   | -      | <del> </del>                                 | 146      | ╄        | ╁┤   | -        |          | -        | $\vdash$ | $\dashv$           | $\dashv$ | -        |
| <u> </u>   | 47       | <u> </u>       | -                         |                | <u> </u> | ├-           | $\vdash$        | $\vdash \downarrow$ | -            | $\dashv$   |      |          | 97       | $\vdash$        |          | +        | +       | +            | +-       | -                     | -      | <u> </u>                                     | 147      | ╂        | $\vdash$   | -        | -        | -        |          | -                  |          | $\dashv$ |
|            | 48       | <del> </del>   | <u> </u>                  | $\vdash$       | <u> </u> | ļ            | -               | $\vdash$            |              | $\dashv$   |      |          | 98       | $\sqcup$        | _        | $\dashv$ | +       | +-           | +-       | $\vdash \vdash$       | -      | <u> </u>                                     | 148      | $\vdash$ | $\vdash$   | $\dashv$ |          |          |          | $\dashv$           | $\dashv$ | $\dashv$ |
| <u> </u>   | 49       |                | ⊢                         | H              | _        | $\vdash$     | $\vdash$        | $\vdash$            | +            | ᅱ          |      |          | 99       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +       | - -          | ╂        | $\vdash$              | -      | <u> </u>                                     | 149      | ╁        | $\left  - \right $                               |          | -        | $\dashv$ |          |                    |          | $\dashv$ |
| <u></u>    | 50       |                |                           | لـــا          |          | l            |                 |                     |              |            | :::: |          | 100      |                 |          | 1        | L       |              |          | <u>1L</u>             | ::::   |  | 150      | 1        |  |          |          |          | L        |                    |          |          |